

SEQUENCE LISTING

<110> ZWIEBEL, LAURENCE J.

<120> MOSQUITO OLFATORY GENES, POLYPEPTIDES, AND METHODS OF
USE THEREOF

<130> N7841

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<150> 60/264,649

<151> 2001-01-26

<160> 23

<170> PatentIn Ver. 2.1

<210> 1

<211> 1964

<212> DNA

<213> Anopheles gambiae

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<213> Anopheles gambiae

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<213> Anopheles gambiae

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1065405-012402

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<212> PRT

<213> Anopheles gambiae

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Phe Leu Val Ile Pro Pro Leu Thr Gly Gly Tyr Thr Asp Gly His Gln
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Gly Ser Met Phe Phe Ala Tyr Asp Val Ala Thr Phe Gln Ala Phe Ile
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Gln Glu Leu Lys Ser Leu Ser Val Leu Val Cys Ser His Ser Tyr Arg
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Ala Pro Ile Pro Ser Ile Cys Ala His Tyr Tyr Arg Ser Thr Asn Ser
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Met Thr Ile Cys Cys Ser Ile Gly His Cys Thr Leu Tyr Thr Arg Met
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Thr Ala Ser Ala Ile Arg Asn Val Gly Gln Met His Ser Gly Leu Leu
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Trp Tyr Asn Tyr Pro Ile Ala Phe Arg Ser Ser Ile Arg Met Met Leu
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Arg Gln Ser Gln Arg His Ala His Ile Thr Val Gly Lys Phe Phe Arg
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Val Asn Leu Glu Glu Phe Ser Arg Ile Val Asn Leu Ser Tyr Ser Ala
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<211> 1176

<212> DNA

<213> Anopheles gambiae

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Thr Val Glu Thr Tyr Gly Phe Cys Tyr Phe Gly Ser Asp Leu Thr Ser
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Glu Ala Ser Cys Tyr Ser Leu Thr Arg Ala Ala Tyr Gly Ser Leu Trp
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Tyr Arg Arg Ser Val Ser Ile Gln Arg Lys Leu Arg Met Val Leu Gln
 340 345 350

Arg Ala Gln Lys Pro Val Gly Ile Ser Ala Gly Lys Phe Cys Phe Val
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<211> 474

<212> DNA

<213> Anopheles gambiae

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<211> 157

<212> PRT

<213> Anopheles gambiae

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Ser Arg Pro His Arg Arg Leu Asp Gly Tyr Met Leu Val Lys Phe Val
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Leu Phe Met Leu Cys Phe Leu Ile Glu Leu Leu Met Leu Cys Ala Tyr
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Gly Glu Asp Ile Val Glu Ser Pro Trp Gly Asp Glx Cys Arg Leu Arg
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Leu Arg Met Val Pro Gly Arg Val Gly Gly Val Pro Ser Ile Arg Ala
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Ala Asn Tyr Thr Pro Gln Pro Ala Val Arg His Thr Asp Arg Met Glu
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<210> 19

<211> 1206

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<213> Anopheles gambiae

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<212> PRT

<213> Anopheles gambiae

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 Thr Tyr Gly Pro Ala Leu Leu Leu His Met Leu Thr Ser Thr Ile Lys
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 Tyr Gly Leu Thr Val Ile Gly Tyr Leu Cys Tyr Ala Leu Ala Gln Val
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Val Met Lys Ala Ala Tyr Ser Cys His Trp Tyr Asp Gly Ser Glu Glu
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Ala Lys Thr Phe Val Gln Ile Val Cys Gln Gln Cys Gln Lys Ala Met
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Thr Ile Ser Gly Ala Lys Phe Phe Thr Val Ser Leu Asp Leu Phe Ala
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<211> 2272

<212> DNA

<213> Anopheles gambiae

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<212> DNA

<213> Anopheles gambiae

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<213> Anopheles gambiae

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